

Date: Thu, 7 Oct 93 08:36:33 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1188
To: Info-Hams

Info-Hams Digest Thu, 7 Oct 93 Volume 93 : Issue 1188

Today's Topics:

 160 meters ?
 Codeless Tech Debate
 converting ssb cb to 10 meter
 crowded bands
 Daily Solar Geophysical Data Broadcast for 06 October
 FRG9600: Any good?
 HF Mobile Antennas
 HTs Airlines and Morris
 MOTOROLA
 Motorola ad in QST? (5 msgs)
 RG-8/M questions? (Apology)
 Selling license info (was: Re: 6 weeks 1 day!)
 walkman - radio transmitter
 Were have the OPDX Bull. gone?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 6 Oct 1993 19:33:34 GMT
From: amd!amdahl!netcomsv!netcom.com!rbloom@decwrl.dec.com
Subject: 160 meters ?
To: info-hams@ucsd.edu

How popular is this band, these days? Is it extremely hard to
pick signals out of the intense atmospheric noise?

Ron

WA6MQC

Date: 7 Oct 93 13:32:06 GMT
From: news-mail-gateway@ucsd.edu
Subject: Codeless Tech Debate
To: info-hams@ucsd.edu

Tom Bodoh NOYGT recently said

>The facts are;
> It's [Morse and CW] popularity is waning.

Tom, I must assume you're talking about the popularity of CW and Morse in amateur radio and if so, I must dispute your "fact". The 100 member ham radio club I'm in offers several license classes a year, and it has been our experience that there is *more* interest in Morse and CW since changing the Tech license to not require code. Tuning around the CW portions of the HF bands consistent with conditions will show plenty of activity. I will not claim that it is a "fact" that Morse and CW popularity is rising, remaining stable, or waning, but I simply offer my observations. I'm curious how you arrived at your strong statement.

73,

Scott W01G

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Scott Sminkey	email: sasminkey@eng.xyplex.com
Software Sustaining Engineering	voice: 508 952-4792
Xyplex, Inc.	fax: 508 952-4887
295 Foster St.	(Opinions, comments, etc. are mine,
Littleton, MA 01460	not Xyplex's...)

Date: 6 Oct 93 11:59:50 GMT
From: psinntp!arrrl.org@uunet.uu.net
Subject: converting ssb cb to 10 meter
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, ae495@yfn.ysu.edu (Jeremy Parkinson) writes:

>I was wondering if anyone could give me any advice on converting my
>ssb cobra cb to 10 meter?

Contact:

CBC International

Lou Franklin K6NH
POB 31500AA
Phoenix, AZ 85046

They have all sorts of CB conversion information, among other things.
Send \$2 for a catalog.

Please, no flames. Some of the information they sell can be used
illegally (outband operation, etc.), but the info on how to get
an old CB onto 10 meters is of legitimate use to the Amateur Radio
Service.

73 from ARRL HQ, Ed

Ed Hare, KA1CV
American Radio Relay League
225 Main St.
Newington, CT 06111
(203) 666-1541 - voice
ARRL Laboratory Supervisor
RFI, xmtr and rcvr testing

ehare@arrl.org

The opinions expressed in electronic
communication do not necessarily represent
ARRL policy, but I can probably get in
trouble for them anyway.

Date: 6 Oct 1993 15:33:43 -0500
From: swrinde!cs.utexas.edu!geraldo.cc.utexas.edu!emx.cc.utexas.edu!not-for-
mail@network.ucsd.edu
Subject: crowded bands
To: info-hams@ucsd.edu

jeffj@cbnewsm.cb.att.com (jeffrey.n.jones AB6MB) says:

>>In article <1993Oct6.160449.14770@rsg1.er.usgs.gov>

>> bodoh@dgg.cr.usgs.gov (Tom Bodoh) writes:

>> > It's [sic] popularity is waning.

(OK, I put the [sic] there. And "it" refers to cw)

>>Not true and the crowded conditions down at the bottom end of the bands
>>don't support your arguement [sic] at all. Time and time again I have a hard
>>time finding a spot to call CQ on the CW portions of the band. When I
>>hear plenty of room every night on CW in which to call CQ I will agree with
>>you then. The truth is there is NOT enough room on CW for everyone to
>>operate!

Well, I hate to disagree with someone whose other arguments (deleted) make sense, and who is not anti-CW, but I think the above is untrue. Unless you tune with a very wide filter and don't want another signal within 1 KHz, there is plenty of room in the CW bands. That is one of their attractions. During a contest, I would agree - even with a juicy call you may have to go 50-60 KHz up to find a clear spot, but in non-contest times, stations are not close enough to prevent anyone from calling CQ and starting a QSO without bothering others.

If the bands were indeed that crowded, why would you want to call CQ anyway? There would be enough activity for you to choose people to work without wasting energy and electricity calling CQ.

Derek "Real DXers[tm] never call CQ" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: 7 Oct 93 13:30:32 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 06 October
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 279, 10/06/93
10.7 FLUX=118.1 90-AVG=094 SSN=097 BKI=3341 2212 BAI=010
BGND-XRAY=B3.5 FLU1=1.5E+05 FLU10=1.1E+04 PKI=4441 1223 PAI=013
BOU-DEV=031,038,062,007,011,013,008,019 DEV-AVG=023 NT SWF=00:000
XRAY-MAX= C1.6 @ 1727UT XRAY-MIN= B2.3 @ 0651UT XRAY-AVG= B4.7
NEUTN-MAX= +003% @ 1250UT NEUTN-MIN= -004% @ 1835UT NEUTN-AVG= +0.2%
PCA-MAX= +0.2DB @ 1740UT PCA-MIN= -0.4DB @ 0300UT PCA-AVG= +0.0DB
BOUTF-MAX=55361NT @ 2151UT BOUTF-MIN=55344NT @ 0355UT BOUTF-AVG=55354NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+056,+000,+000
GOES6-MAX=P:+113NT@ 1555UT GOES6-MIN=N:-068NT@ 0754UT G6-AVG=+077,+020,-044
FLUXFCST=STD:114,110,106;SESC:114,110,106 BAI/PAI-FCST=008,010,015/010,010,020
KFCST=3213 3222 1234 2222 27DAY-AP=005,006 27DAY-KP=2122 2111 2232 2222
WARNINGS=*MAJFLR;*SWF
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 05 OCT 93 was 43.8.
The Full Kp Indices for 05 OCT 93 are: 10 10 1- 1- 1- 3- 2+ 2-

Date: 7 Oct 93 15:47:34 GMT

From: news-mail-gateway@ucsd.edu
Subject: FRG9600: Any good?
To: info-hams@ucsd.edu

I am considering buying a used Yaesu FRG9600 receiver. Any experiences, good or bad, you want to share?
The intended use is for mobile monitoring, where something with sensibly sized controls is essential! [ever tried programming a scanner while driving? Sorry, Officer, I was just tuning my radio.....]

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Peter J.M. Lucas      | 'Annual Income twenty pounds, annual expenditure
NERC Computer Services | nineteen pounds nineteen and six; result happiness.
Station Road          | Annual income twenty pounds, annual expenditure
Swindon England       | twenty pounds nought and six; result misery!'
pjml@swmis.nsw.ac.uk  | Charles Dickens.
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Date: 7 Oct 93 13:20:11 GMT
From: news-mail-gateway@ucsd.edu
Subject: HF Mobile Antennas
To: info-hams@ucsd.edu

Jim KZ2H asks...

>I am considering going HF mobile and was looking for first-hand comments on
>HF mobile antennas...

I have been using the Hustler mobile series for a few years now, sometimes with my Icom 735 (100 watts) and sometimes with my Ten Tec Argonaut (2-3 watts). It's a simple, rugged system that works ok, not great, but just ok. It consists of an aluminum mast that is around 5 feet long (designed to be a quarter wave on 6m), which you top with a screw-on "resonator" (loading coil and adjustable rod tip for tuning) for the band you want to operate on. You can get a "spider" mount to allow you to mount four(?) resonators at once to cover four bands of your choice simultaneously. A quick disconnect base mount for the mast is available, so you can stow the mast in the trunk when you're not on the air, instead of whapping tree branches with it! An antenna tuner is not necessary, but you will find that as the frequency goes down, the bandwidth of the resonators becomes smaller and smaller. This isn't much of a problem except on 40 and 80. There are WARC band resonators available, but I just haven't gotten any yet.

Back when the bands were in much better shape, I could work just about anyone I could hear on 10, 15, and 20, using the 735. 40 and 80 have been much more difficult, particularly 80. Of course, the antenna is very short for those bands.

You might want to read what Walter Maxwell W2DU has to say about the Hustler -- oops, "unnamed but popular" -- mobile antenna system in his book "Reflections". He seems quite unimpressed with the design of the loading coils, suggesting that efficiency was sacrificed for a no-tuner-required low SWR characteristic. He suggests a different design for the loading coils which in combination with an antenna tuner will offer a much more efficient antenna system, certainly a more important consideration for mobile vs. home stations. One of these days I'll try what he recommends... If you are so inclined, a cheap and fun project might be to buy the Hustler mount and mast then make up your own loading coils.

Good luck and 73,
Scott W01G

=====

Scott Sminkey	email: sasminkey@eng.xyplex.com
Software Sustaining Engineering	voice: 508 952-4792
Xyplex, Inc.	fax: 508 952-4887
295 Foster St.	(Opinions, comments, etc. are mine,
Littleton, MA 01460	not Xyplex's...)

Date: Wed, 06 Oct 93 15:14:47 GMT
From: csus.edu!netcom.com!netcomsv!bongo!skyld!janguis@decwrl.dec.com
Subject: HTs Airlines and Morris
To: info-hams@ucsd.edu

Otherwise known as the "Thread that would not Die!"

Interesting how some people persist in the belief that I...

- a. Hate pilots
- b. Cause trouble
- c. Disobey regulations
- d. Feel that I know more than the Captain
- e. I'm anti-code
- f. Etc.

I often hear the phrase, "Thems are the rules" and in this case the Captain made a reference to them there rules. I thought, "Hummm, now I can find out which exactly rules them is". On this VERY newsgroup people have made vague reference to "them there rules". Rather than take the ravings of an assortment of armchair lawyers, here was the opportunity to get the information about "them there rules" first-hand from someone that should know. So I asked.

In follow-ups to the original posting, a few persons have bothered to actually cite the section numbers and such of the regulations. [Thanks!]

Let me repeat what I had said originally.

At the beginning of the flight, the Captain came on the intercom and announced that using certain types of electronic gear was prohibited on the airline and that said prohibition was due to FAA regulations.

Note: During the flight, the HT stayed inside the carry-on bag where it was packed. I occupied myself reading the escape map, catalogs and barf bag notes.

At the end of the flight, I stopped at the front and asked the Captain which FAA regulations were those that covered the prohibited electronic gear.

The Captain apologized for not knowing the exact regulation number but said that the announcement was company policy. And that if I wrote to the airline, they could probably provide me with the regulation reference.

73 es GM from Jeff

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA	"It is difficult to imagine our
Internet: jangus@skyld.tele.com	universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749	potent god. I see it more as a
Phone: 1 (310) 324-6080	badly run corporation."

Date: 6 Oct 93 13:39:14 EDT

From: sdd.hp.com!math.ohio-state.edu!howland.reston.ans.net!europa.eng.gtefsd.com!
news.ans.net!malgudi.oar.net!mercury.wright.edu!desire.wright.edu!
matrix.cs.wright.edu!isoper@network.ucsd.edu
Subject: MOTOROLA
To: info-hams@ucsd.edu

Motorola's concerns over this issue are deeply rooted. I worked in the two way radio back in the early 1970's, Motorola had just started to release two-way radios taken in on trade. This was according to the my local National Service Organization Center (as they were called back then), previously the equipment traded in was center to a central location to prevent resale to small businesses thus eliminating one source of competition for the Motorola sales people. Motorola has always been quick to guard their market of "add ons" for their equipment as well. They are very profit oriented, and at loss as to what to do with invasion of third party vendors that have sprung up since the 1980's.

At least that's how I view the situation at hand.

73 Wes, WB8CEH

Date: 6 Oct 93 15:24:15 CDT
From: timbuk.cray.com!hemlock.cray.com!cherry10!dadams@uunet.uu.net
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

In article 18530@ke4zv.atl.ga.us, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

|
|There's a growing secondary market in software where used copies are
|sold. This violates the license agreement of most software, but it's
|done anyway by people who don't consider themselves pirates. That's
|because they treat software, "like a book".
|
|Gary

I think Gary is right on. Most people get irritated at copyrights that restrict re-selling and other such noxious things. I can't imagine a book copyright that forbade me to write in the margins of the text or modify the book in any way whether to make the book more useful or not. This seems to be what Motorola is trying to do.

--David C. Adams Statistician Cray Research Inc. dadams@cray.com

Kilo Golf Zero India Oscar -(KG0IO)-

Date: 6 Oct 93 15:13:11 CDT
From: timbuk.cray.com!hemlock.cray.com!cherry10!dadams@uunet.uu.net
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

In article 051093100607@nimtziici.edmedia.nd.edu, nimtz.1@nd.edu (Rick Nimtz) writes:

|In article <1993Oct4.162441.24321@hemlock.cray.com>, dadams@cray.com (David Adams) wrote:

|
|> In article p0i@panix.com, dannyb@panix.com (danny burstein) writes:
|> |excuse the ignorance here, but since I don't get QST (and the library I
|> |could check is closed until Monday) could someone please post or email a
|> |summary of what the ad said?

|
|> Here is the add which appeared on p. 161 of my October 1993 QST:

|>
|>

|> A T T E N T I O N
|>
|> PUBLIC SAFETY ANNOUNCEMENT
|>
|> Tampering with Motorola's
|> Communication Technology is
|> Nothing Short of a Crime.
|>
|> Motorola has been at the forefront of communications
|> technology for more than 60 years. Today, we offer a

|rest of the ad deleted
|

|What does "PUBLIC SAFETY ANNOUNCEMENT" mean?
|Should I be concerned about my Public Servants using Motorola's radios for
|some reason? Is Motorola planning to activate some kind of remote control
|"fail-safe" circuit to render a radio that has been tampered with useless?
|

It means, "We want this announcement to look official and have some semblance
of more respect and authority than it deserves."

Also, "nothing short of a crime" seems to mean, "not legally a crime, but we
will do our best lobbying effort to make it legally a crime just like we did for
selling scanners capable of listening to our cellular phones."

disclaimer: I have no motorola radios, and intend to make no modifications
to any such. Nor have I ever.

--David C. Adams Statistician Cray Research Inc. dadams@cray.com

Kilo Golf Zero India Oscar -(KG0IO)-

Date: Wed, 6 Oct 1993 17:05:07 GMT
From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!darwin.sura.net!
sgiblab!nec-gw!netkeeper!vivaldi!rsd0!usenet@network.ucsd.edu
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

In article <1993Oct6.115753.29654@lmpsbbs.comm.mot.com>
burke_br@adcae1.comm.mot.com writes:

>
>The firmware is all copyrighted, tampering with it is a crime!
>
>Bruce, WB4YUC

>
>

NO! The copyright laws do not even make copying per se illegal. Copying is only illegal if the intent of the copying is for financial gain, that is, you must make copies and sell them. There is absolutely no prohibition in the US copyright law (as ammended in 1989) which prohibits "tampering" with firmware.

Date: Wed, 6 Oct 1993 13:53:33 GMT
From: brunix!pstc3!md@uunet.uu.net
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

In article <1993Oct6.115753.29654@lmpsbbs.comm.mot.com>,
burke_br@adcae1.comm.mot.com (Bruce Burke Sp App) writes:

|> The firmware is all copyrighted, tampering with it is a crime!

This answer is about as good as saying "On Account Of Because..."

Just because something is copyrighted, that does not mean that I am prohibited from modifying it. Nor does it prohibit me from showing someone else how to modify their copy.

What it does do is prohibit me from taking your copy and selling my own copies of it.

Just as a book can be purchased and the manuscript within it modified, so can a piece of computer firmware. Likewise, I can turn around and sell *MY* modifications to the book - "If you insert these words here, it makes the story better" - and so I can also do the same thing to computer firmware.

It almost sounds to me like Motorola wants to redefine copyrights to suit their own purposes.

MD

--

-- Michael P. Deignan
-- Population Studies & Training Center
-- Brown University, Box 1916, Providence, RI 02912
-- (401) 863-2668

Date: Thu, 7 Oct 1993 14:39:15 GMT
From: brunix!pstc3!md@uunet.uu.net
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

In article <9310062003593.gilbaronw0mn.DLITE@delphi.com>, gilbaronw0mn@delphi.com
(Gilbert Baron) writes:

|> I don't think so either. It may be a violation of the license agreement
|> though and they could sue you for that. It is not piracy. I am not sure if
|> the license agreement could be enforced. In some states so called shrink
|> wrap agreements are valid and in some they are not.

Does Motorola actually require its customer to sign a license agreement?
For that matter, does Motorola actually include a "license agreement" in with
each radio it sells?

I can read it now: "You can use this radio for a total of 30 minutes of
transmit time per day. Additional allotments of 30 minute transmission
blocks can be obtained by contacting your local Motorola representative."

Does anyone else think that manufacturers are really starting to get
silly? What next? A "license agreement" with that new Zenith color TV
you buy?

And people wonder what is wrong with American industry such that it
it's not globally competitive today....

MD

--
-- Michael P. Deignan
-- Population Studies & Training Center
-- Brown University, Box 1916, Providence, RI 02912
-- (401) 863-2668

Date: Wed, 06 Oct 93 15:21:50 GMT
From: csus.edu!netcom.com!netcomsv!bongo!skyld!jangus@decwrl.dec.com
Subject: RG-8/M questions? (Apology)
To: info-hams@ucsd.edu

In article <28sdpe\$a8l@master.cs.rose-hulman.edu> derry@NeXTwork.Rose-Hulman.Edu
writes:

> > xxxxxxxx P A D D I N G

> =====

> Sri for all the multiple postings. My computer kept saying it would not
> deliver these due to "More included text that new text."

What software are you running? We need to airlift it into the Newbie waste-
land currently spreading across alt.tasteless.

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA	"It is difficult to imagine our
Internet: jangus@skyld.tele.com	universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749	potent god. I see it more as a
Phone: 1 (310) 324-6080	badly run corporation."

Date: 6 Oct 93 11:43:09 GMT

From: psinntp!arrl.org@uunet.uu.net

Subject: Selling license info (was: Re: 6 weeks 1 day!)

To: info-hams@ucsd.edu

In rec.radio.amateur.misc, dts@world.std.com (Daniel T Senie) writes:

>In article <9310051328.aa26842@cbda7.apgea.army.mil> wejones@cbda7.apgea.army.mil
(Bill Jones) writes:

>>My guess would be ARRL sold the info, and actually I'm glad it was sold,
>>because I like to get catalogs.

Let's clarify the distinction here. The ARRL does offer mailing lists
of our MEMBERSHIP database for sale. It is sold to ham radio dealers,
QSL card printers and the like. I will make two points about this,
though. We do have a box on our membership application that one can
check to ensure that one's name and address are not sold. Also, this
is NOT big bucks for the ARRL. Our Circulations Manager told me
that this is just not worth the aggravation and hassle for the
few K bucks it brings in per year.

I think the ham radio dealers are probably getting the FCC database
for most of their sales. They turn to us when they want a list of
NJ ARRL members, etc. I appreciate the occasional hammy thing that
shows up in my mailbox, too, so I don't mind if the ARRL or FCC
sells my name. If I get stuff I don't like, I just toss it. So far,
no ads for erotica, etc., so I guess everyone is using good judgement.

Now, this thread has been about the sale of info from the VEC database.
Bart Jahnke recently posted a pretty clear explanation about this. The

bottom line -- THE ARRL VEC DOES NOT SELL ANY INFORMATION GARNERED FROM ARRL VE SESSIONS. If anyone still has questions, contact bjahnke@arrl.org.

73 for now, Ed

Ed Hare, KA1CV
American Radio Relay League
225 Main St.
Newington, CT 06111
(203) 666-1541 - voice
ARRL Laboratory Supervisor
RFI, xmtr and rcvr testing

ehare@arrl.org

The opinions expressed in electronic communication do not necessarily represent ARRL policy, but I can probably get in trouble for them anyway.

Date: Thu, 7 Oct 1993 11:58:41 CET
From: swrinde!news.dell.com!natinst.com!cs.utexas.edu!math.ohio-state.edu!
howland.reston.ans.net!xlink.net!gmd.de!dearn!esoc!estec!scunnane@network.ucsd.edu
Subject: walkman - radio transmitter
To: info-hams@ucsd.edu

Well actually I don't have a crappy tape deck or a police band/cell phone monitor at all...

I have a CD player!!!

and I want to be able to listen to my fav. tapes through the existing setup.

By the way an apple is green and an orange is round.

Date: Wed, 06 Oct 93 07:52:58 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!xlink.net!math.fu-berlin.de!
news.dfn.de!server2.rz.uni-leipzig.de!news.uni-jena.de!news.tu-ilmenau.de!
systemtechnik.tu-ilmenau.de!tom@network.
Subject: Were have the OPDX Bull. gone?
To: info-hams@ucsd.edu

is there a source (ftp-server or else) for the opdx bulletins?
DL5ATP

Thomas Planke
Technical University Ilmenau

Planke@Systemtechnik.TU-Ilmenau.DE
Phone: +49 3677/69-1465

End of Info-Hams Digest V93 #1188
